

Pending nomination 885, and new nominations 886, 887 and 888 were read.

And the meeting was adjourned.

Stated Meeting, November 21, 1879.

Present, 12 members.

Vice-President, Mr. FRALEY, in the Chair.

A photograph of Mr. H. Phillips, Jr., was received for insertion in the album.

Letters of acknowledgment were received from the R. Society, Tasmania, Hobartstown, July 17, 1878 (99); from the R. Academy, Lisbon, July 28, 1879 (101); from the R. Observatory, Brussels, Nov. 3 (102, 103); and from the Victoria Institute, London, July 2 (102).

Letters of envoy were received from the Car. University, Lund, Aug. 15; R. Saxon Society, Leipsig, May 29; Holland Society, Harlem, June 10; and the Second Geological Survey of Pennsylvania, Nov. 17, 1879.

A letter, offering on the part of the family of the late Joseph Henry to restore for use to the Society back numbers of the Proceedings, was received from Prof. Baird, dated Smithsonian Institution, Washington, Nov. 15.

Donations for the Library were received from the Academies at St. Petersburg, Berlin, Bordeaux, Madrid, Lisbon and Dublin; the Observatory at Adelaide; the University at Lund; the R. Societies at Hobartstown, Leipsig, Göttingen and London; the Anthropological and Geographical Societies, Geological and Meteorological Institutes at Vienna; the German Geological Society; Jablonski Society and Natural History Society at Leipsig; the Natural History Society at Bonn; Zoological Garden at Frankfurt; Holland Society at Harlem; Geographical and Anthropological Societies, and Revue Politique, Paris; Physical, Geographical and Linnean Societies at Bordeaux; Zoological, Geographical, Meteorological and Astronomical Societies,

and Victoria Institute at London; Philosophical and Literary Society at Leeds; R. Cornwall Polytechnic Society; Mr. James Henry, of Dublin; the Mining Bureau at Melbourne; the Wesleyan University, Connecticut; American Chemical Society, N. Y.; Princeton Museum of Geology and Archaeology; Franklin Institute; and Pennsylvania Geological Survey.

The death of Mr. John Walter Harden, in West Philadelphia, Nov. 8, aged 63 years, was announced by Mr. Lesley, who was appointed to prepare an obituary notice of the deceased.

A communication, entitled "On Dioxyethyl-methylene, and the preparation of Methylene-chloride, by William H. Greene, M.D.," was read. (See page 346.)

Dr. Greene stated that a paper on the formation of *dibenzyl* by the reaction described by him at the meeting of Oct. 17, had been published by M. Silva in the Comptes Rendus of Oct. 6. Priority must therefore be granted to M. Silva, although the journal containing the results of his investigations did not arrive here until after the presentation of Dr. Greene's paper.

Mr. Haupt made a short verbal report of the progress of the extension of the U. S. Trigonometrical (Coast) Survey in Berks, Chester and Lancaster counties, Pennsylvania.

A communication, entitled "On the Coördination of the various methods of expressing thought as applied to the system of public school instruction, by Lewis M. Haupt, C. E., Prof. Civ. Eng., Univ. Pa.," was read. (See page 348.)

Mr. Eli K. Price referred to the growing use of graphical testimony in the law practice of the courts.

Mr. Briggs described the recent invention of a perpetual battery by Profs. Houston and Thompson, exhibited at a meeting of the Franklin Institute.

Notes on the etymology of *ἱρακλής* were read by Mr. Lesley.

The minutes of the last meeting of the Board of Officers and members in Council were read.

Pending nominations 885 to 888, and new nomination 889 were read.

Mr. Fraley reported the receipt of \$131.81, being the last quarterly interest on the Michaux Legacy fund, due Oct. 1.

And the meeting was adjourned.

Stated Meeting, December 5, 1879.

Present, 13 members.

Vice-President, Mr. FRALEY, in the Chair.

A letter enclosing a photograph for insertion in the album was received from Prof. Richard Akerman, dated Stockholm, Nov. 13, 1879.

An acknowledgment of the receipt of Proc. No. 103, was received from Professor J. J. Stevenson, dated New York, Nov. 28.

A letter of envoy was received from the Central Physical Observatory at St. Petersburg, dated Oct. 1879.

A letter was received from the Cleveland Library Association requesting exchanges.

Donations for the Library were received from the Senkenburg Society of Natural Sciences; *Revue Politique*; Commercial Geographical Society, Bordeaux; London Nature; Geological Survey of Canada; Boston Society of Natural History; Yale College; Mr. Redfield, of Philadelphia; the Botanical Gazette; North American Entomologist; and the Ministerio de Fomento, Mexico.

The death of M. Michel Chevalier, at Paris, Nov. 28, aged 73, was announced by the Secretary.

Mr. Moncure Robinson was appointed to prepare an obituary notice of the deceased.

Mr. Lesley exhibited a slab of roofing slate covered with casts of *Buthotrephis flexuosa*, obtained by Prof. Frazer for the Museum of the Second Geological Survey of Pennsylvania, from the Rev. Prof. Rendall, of Lincoln University,